



## **eMagin Developing Next Generation Immersive Head Mounted Display (HMD)**

**HOPEWELL JUNCTION, NY – eMagin Corporation (NYSE MKT: EMAN)**, the leader in the development, design and manufacture of Active Matrix OLED microdisplays for high resolution imaging products, today announced that it has been developing an Immersive Head Mounted Display (IHMD). This IHMD enables a paradigm shift in the look and performance of Virtual Reality (VR) HMDs because it incorporates the company’s latest 2K by 2K high-resolution OLED microdisplays and patented optics, rather than a significantly larger and lower resolution cell phone display and conventional optics.

The company has taken this non-traditional approach to achieve a radically improved and unique form factor. “Our IHMD provides a paradigm shift in the look and performance of Virtual Reality (VR) HMDs being developed for a variety of applications” said Andrew Sculley, eMagin President and CEO, “The OLED microdisplay is the fundamental reason that the IHMD is half the weight and size of its VR HMD counter parts” said Jerome Carollo, eMagin’s Senior Vice President, Special Projects and the inventor of the IHMD.

The field of view (FOV) exceeds one hundred (100) degrees and can have a resolution ranging from one (1) megapixel per eye (MP/eye) to four (4) MP/eye. The IHMD incorporates proprietary features not found on other VR HMDs such as a “flip-up” viewer capability. Additional features will be disclosed in the coming months. eMagin will also conduct a contest to name the IHMD for the product launch. The first prototype is expected to be completed at the end of 2014 and will have a resolution of 4MP/eye, nearly 4 times that of other VR HMDs. The company believes there are a wide range of VR applications for this IHMD, ranging from gaming, medical, architecture, and 3D design, to education and military training & simulation. This first product will target the high-end gaming market.

This is the latest HMD in a line of systems developed by our company that began with eMagin’s Z-800, launched in mid-2005 which received the Consumer Electronics Show (CES) Innovations award for Best New Display and Best New Gaming Device for 2006.

### **About eMagin Corporation**

A leader in OLED microdisplay technology, OLED microdisplay manufacturing know-how and mobile display systems, eMagin manufactures high-resolution OLED microdisplays and integrates them with magnifying optics to deliver virtual images comparable to large-screen computer and television displays in portable, low-power, lightweight personal displays. eMagin microdisplays provide near-eye imagery in a variety of

products from military, industrial, medical and consumer OEMs. More information about eMagin is available at [www.emagin.com](http://www.emagin.com).

### **Forward-Looking Statements**

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, including those regarding eMagin Corporation's expectations, intentions, strategies and beliefs pertaining to future events or future financial performance. Actual events or results may differ materially from those in the forward-looking statements as a result of various important factors, including those described in the Company's most recent filings with the SEC. Although we believe that the expectations reflected in the forward-looking statements are reasonable, such statements should not be regarded as a representation by the Company, or any other person, that such forward-looking statements will be achieved. The business and operations of the Company are subject to substantial risks which increase the uncertainty inherent in forward-looking statements. We undertake no duty to update any of the forward-looking statements, whether as a result of new information, future events or otherwise. In light of the foregoing, readers are cautioned not to place undue reliance on such forward-looking statements.

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**eMAGIN CORPORATION**